

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 123  | 264/16.ccls. and (finning or grinding or fine or rough)             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/01/30 11:39 |
| S2    | 144  | 264/16.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S3    | 62   | 264/17.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S4    | 102  | 264/19.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S5    | 81   | 264/678.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S6    | 129  | 501/102.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S7    | 283  | 501/105.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S8    | 47   | 433/167.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S9    | 250  | 501/102.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |
| S10   | 213  | 433/167.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/29 10:52 |

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| S11 | 250 | 501/102.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S12 | 250 | 501/102.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S13 | 250 | 501/102.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S14 | 538 | 501/105.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S15 | 213 | 433/167.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S16 | 196 | 264/678.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S17 | 268 | 264/19.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S18 | 267 | 264/17.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S19 | 363 | 264/16.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:52 |
| S20 | 363 | 264/16.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:53 |

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| S21 | 310  | frank.in. and holger.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 10:54 |
| S22 | 3    | frank.in. and holger.in. and milling                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 11:01 |
| S23 | 8    | "5775912"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 11:03 |
| S24 | 45   | "0112097"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 11:03 |
| S25 | 26   | "112097"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 11:03 |
| S26 | 10   | "1206223"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/29 15:38 |
| S27 | 16   | "4820667"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/30 09:23 |
| S28 | 7373 | breaking same strength same<br>breaking same resistance                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/30 09:24 |
| S29 | 637  | bending same strength same<br>breaking same resistance                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/30 09:24 |
| S30 | 74   | (bending same strength same<br>breaking same resistance) and<br>ceramic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/11/30 09:25 |

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| S31 | 4   | (bending adj strength) and (breaking adj resistance) and ceramic            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 09:27 |
| S32 | 20  | (bending adj strength) and (breaking adj resistance)                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 09:59 |
| S33 | 5   | "5824089"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 10:02 |
| S34 | 2   | "6713421"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 10:02 |
| S35 | 6   | ("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN. | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2004/11/30 11:21 |
| S36 | 9   | "6322728"   | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2004/11/30 11:21 |
| S37 | 6   | "5403369"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 15:28 |
| S38 | 0   | "5403369" and (PQ adj ring)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 15:28 |
| S39 | 6   | "5403369" and (ring)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 15:28 |
| S40 | 0   | 10/049665   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/30 11:40 |
| S41 | 137 | 264/16.ccls. and (finning or grinding or fine or rough)                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/30 12:06 |

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| S42 | 160 | 264/16.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S43 | 64  | 264/17.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S44 | 110 | 264/19.ccls. and (finning or grinding or fine or rough or milling)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S45 | 85  | 264/678.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S46 | 48  | 433/167.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S47 | 296 | 501/105.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S48 | 129 | 501/102.ccls. and (finning or grinding or fine or rough or milling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S49 | 252 | 501/102.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S50 | 220 | 433/167.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S51 | 252 | 501/102.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |

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| S52 | 252 | 501/102.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S53 | 252 | 501/102.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S54 | 560 | 501/105.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S55 | 220 | 433/167.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S56 | 202 | 264/678.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S57 | 280 | 264/19.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S58 | 270 | 264/17.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S59 | 387 | 264/16.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S60 | 387 | 264/16.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S61 | 361 | frank.in. and holger.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |

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| S62 | 3    | frank.in. and holger.in. and milling                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S63 | 8    | "5775912"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S64 | 49   | "0112097"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S65 | 31   | "112097"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S66 | 10   | "1206223"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S67 | 16   | "4820667"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S68 | 7723 | breaking same strength same<br>breaking same resistance                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S69 | 661  | bending same strength same<br>breaking same resistance                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S70 | 80   | (bending same strength same<br>breaking same resistance) and<br>ceramic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |
| S71 | 4    | (bending adj strength) and<br>(breaking adj resistance) and<br>ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/30 12:06 |

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| S72 | 20 | (bending adj strength) and (breaking adj resistance)                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |
| S73 | 8  | "5824089"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |
| S74 | 2  | "6713421"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR, | OFF | 2006/01/30 12:06 |
| S75 | 6  | ("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN. | US-PGPUB; USPAT; USOCR                    | OR  | OFF | 2006/01/30 12:06 |
| S76 | 17 | "6322728"   | US-PGPUB; USPAT; USOCR                    | OR  | OFF | 2006/01/30 12:06 |
| S77 | 8  | "5403369"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |
| S78 | 0  | "5403369" and (PQ adj ring)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |
| S79 | 8  | "5403369" and (ring)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |
| S80 | 0  | 10/049665   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/01/30 12:06 |